SHARP

MX-4100N/MX-4101N
MX-5000N/MX-5001N

Digital Full Colour Multifunctional System

Preliminary Product Information

PUTTING SPEED, HIGH-QUALITY COLOUR AND EASE OF USE AT THE CENTRE OF YOUR OFFICE NEEDS

HIGH QUALITY PRINTING 1,200 x 1,200 dpi

41/50 PPM IN COLOUR & B/W

REMOTE ACCESS INTERFACE

8.5" COLOUR TOUCH-SCREEN WITH THUMBNAIL VIEWS

UP TO 70 OPM SCAN SPEED

Full-Colour MFP

- Supports Gigabit Ethernet and the latest network operating systems and protocols
- Standard PCL5c/PCL6 and optional PS3 emulation
- Full-colour network scanning to email, FTP server, desktop, network folder or USB memory and support for XPS, JPEG, TIFF, PDF and high-compression PDF formats
- Sharpdesk™ for integrated document management on a PC
- Document Filing function to instantly reuse saved jobs
- Optional Super G3 fax and Internet fax (in B/W)
- LDAP compatibility for easy browsing of e-mail addresses
- Supports XPS format (standard for scanning; optional for printing)
- Modern looking with a new grained exterior design

High Quality Imaging

- True 1,200 x 1,200 dpi high quality printing without sacrificing speed
- New toner and developer work in synergy to enable excellent image quality
- Sharp Auto Colour Mode provides automated operation and high-quality copies; text on halftone dot patterns come out clearer than ever

Industry-Leading Security Solutions

- Optional Data Security Kit encrypts and erases confidential data
- SSL and IPsec enables data encryption for secure network communications
- Secure Network Card provides network port and protocol management that prevents direct connection and access by unauthorised users
- Encrypted PDF with password protection for secure scanning and direct printing
- Document Control function*[1] prevents unauthorised copying, scanning, faxing and filing of confidential documents
- Supports IEEE 802.1X standard for port based network control

Highly Productive Output

- Speedy output of max. 41/50 ppm in colour and B/W in both models respectively
- Fast first copy out time of 6.9 sec. in colour
- Scan speed of up to 70 opm in colour and B/W
- Professional job finishing options including saddle stitch finisher and inner finisher
- Network tandem function doubles output speed
- Standard hard disk and electronic sorting for both colour and B/W
- Large paper capacity of max. 5,600 sheets
- Built-in stackless duplex module and (100-sheet Reversing Single Pass Feeder (MX-4100N/MX-5000N), 150-sheet high speed Duplex or Single Pass Feeder (MX-4101N/MX-5001N)

Environmentally Advanced Design

- Industry-leading energy-saving design
- Lead and chromium-free design (RoHS compliant)
- Manual power save button
- Certified for Energy Star label

Sharp's One-of-a-Kind Features

- Advanced copying/printing functions including book copy, proof printing and XPS*[2]/PDF*[2]/TIFF/JPEG/USB memory direct printing
- Sharp OSA 3.0 (Open Systems Architecture)*[3] allows integration with network applications and makes them accessible from the LCD control panel
- 8.5" touch-screen colour TFT LCD control panel with thumbnail views
- Optional retractable keyboard for data entry. Standard on MX-4101N/MX-5001N
- Auto Colour Selection automatically selects corresponding copy modes to match colour or B/W pages in a multi-page original
- Remote access interface enables control panel to be displayed and operated on a PC

*[1] Requires optional Data Security Kit

*[2] Requires optional MX-PKX1 for PDF direct printing and MX-PUX1 for XPS

*[3] Requires optional MX-AMX2 and/or MX-AMX3

SPECIFICATIONS

MX-4100N/MX-4101N
MX-5000N/MX-5001N

Digital Full Colour Multifunctional System

Preliminary Product Information

General

Engine speed (max.)*1		A4, portrait	A3
MX-4100N/MX-4101N	Colour & B/W	41 ppm/cpm	19 ppm/cpm
MX-5000N/MX5001N	Colour & B/W	50 ppm/cpm	22 ppm/cpm
Paper size	Max. A3 wide, min. A5R		
Paper weight	Tray: 60 g/m² – 209 g/m² Bypass: 55 g/m² – 256 g/m² Large Capacity Tray: 60 g/m² – 105 g/m²		
Paper capacity	Standard: 1,100 sheets (two 500-sheet trays and 100-sheet multi-bypass tray), Max: 5,600 sheets (four 500-sheet trays, 100-sheet multi-bypass tray and 3500-sheet large capacity tray)		
Warm-up time	Less than 120 sec.		
Memory	[Copier] Standard 512 MB [Printer] Standard 1,024 MB; Maximum 2,048 MB 80 GB HDD*2		
Power requirements	Rated local AC voltage ±10%, 50/60 Hz		
Power consumption (max.)	1.84 kW (220 to 240 V)		
Dimensions (W x D x H)			
MX-4101N/MX-5001N	645 x 695 x 960 mm		
MX-4100N/MX-5000N	645 x 695 x 950 mm		
Weight			
MX-4101N/MX-5001N	approx 123 kg		
MX-4100N/MX-5000N	approx 114 kg		

Copier

Original paper size	Max. A3
First copy time*3 (sec.)	
MX-4100N/MX-4101N	Colour 6.7 B/W 4.7
MX-5000N/MX-5001N	Colour 5.9 B/W 4.1
Continuous copy	Max. 999 copies
Resolution (max.)	600 x 600 dpi (Colour & B/W)
Gradation	Equivalent to 256 levels
Zoom range	25 to 400% (25 to 200% using RSPF/DSPF) in 1% increments
Preset copy ratios	10 ratios (5R/5E)

Network Scanner*4

Scan method	Push scan (via operation panel), Pull scan (with TWAIN-supporting application)
Resolution	Push scan: 100, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi, 50 to 9600 dpi, custom
File formats	XPS*5, PDF, Encrypted PDF, JPEG (colour only), TIFF and high-compression PDF
Scanner utilities	Sharpdesk™
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory

Document Filing

Document filing capacity	Main & custom folders: 38 GB, 5,500 pages*6 or 3,000 files Quick file folder: 12 GB, 1,700 pages*6 or 1,000 files
Stored jobs	Copy, print, direct print, scan, fax transmission*7
Storage folders	Quick folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection

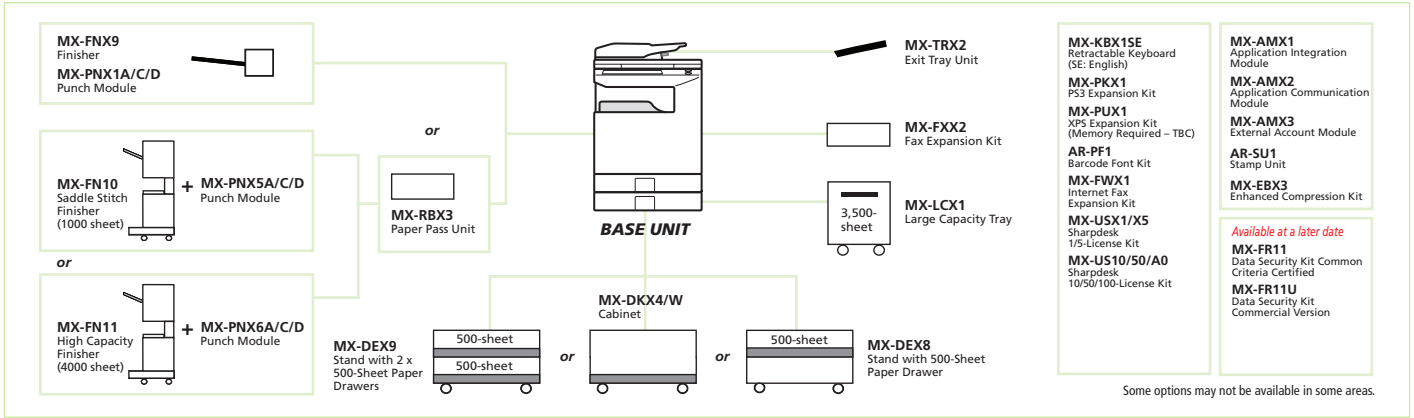
Network Printer

Resolution	1,200 x 1,200 dpi 600 x 600 dpi
Interface	USB 2.0: High-speed 10Base-T/100Base-TX/1000Base-T
Supported OS*7	Standard: Windows NT® 4.0 SP5 or later, Windows® 98/ME, Windows® 2000, Windows™ server 2003, Windows® XP, Windows® Vista, Server 2008 Optional: Mac OS 9.2.2, Mac OS X 10.2.8, 10.3.9, 10.4.11, 10.5 - 10.5.1
Network protocols*7	TCP/IP (IPv4 & IPv6), IPX/SPX (Netware), NetBEUI, EtherTalk (AppleTalk)
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, Novell Printserver application with NDS and Bindery, FTP for downloading print files, EtherTalk printing, IPP
PDL emulation	Standard: PCL 6/5c Option*8: PS3, XPS
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation*9

B/W Facsimile (optional MX-FXX2 required)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 2 seconds*10
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	Standard: 203.2 x 97.8 dpi, Super Fine: 406.4 x 391 dpi
Recording width	A3 to A5
Memory	8 MB flash memory
Grey scale levels	Equivalent to 256 levels

**1 Copy mode: When copying same document continuously on portrait A4 plain paper in non-offset mode. Print mode: When printing same document continuously on portrait A4 plain paper in non-offset mode, excluding processing time. *2: 1 GB = One billion bytes when referring to hard drive capacity. Actual formatted capacity is less. *3: When feeding A4 sheets from paper tray. *4: Optional MX-FWX1 required for Internet fax and PC-Internet fax transmission. *5 To view XPS files on PCs not running Windows Vista, you must have the XPS Viewer application installed. *6: Measured using Sharp's standard chart (A4 with 6% coverage, B/W). The Quick Folder shares memory with the Job Build function; up to 10 GB of data storage is available when using both functions. The storage capacity will be less for colour pages. *7: Optional MX-FXX2 required. *8: Optional MX-PKX1 required for Mac OS and EtherTalk. * 9: MX-PKX1 required. *10: Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.*



Some options may not be available in some areas.

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